

# Joseph Anyaegbunam

software developer | data analyst

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📍 Aberdeen, UK

🌐 Joseph-anyaegbunam

🔗 <https://joseph-anyaegbunam.dev/>

🐙 [github.com/Chukwuemekamusic](https://github.com/Chukwuemekamusic)

## Education

2022 – 2023

Aberdeen, UK

### Masters / Information Technology

*Robert Gordon University*

- **Grade:** Distinction
- **Key Coursework:** Data Visualization and Analysis, Object-Oriented Programming, Software Project Engineering, Data Management, User-Centered Design, Cyber Security.

2006 – 2011

Okada, Nigeria

### BSc. / Electrical Electronics Engineering

*Igbinedion University*

- **Engineering Student Association President:** Led student body, organized events, and represented engineering students in university decisions.

## Skills

### Languages

Python, JavaScript, Solidity, SQL, Java, C

### Frameworks / Libraries

Django, React, Redux, Node.js, Next.js, Web3.js

### Databases

SQL, PostgreSQL, MongoDB

### Blockchain

Smart Contracts, Hardhat, DApps, ethers.js

### DevOps & Tools

Docker, Git, Agile/Scrum

### Other

API Integration, Full-Stack Web Development, Algorithm Design

### Data Analysis & Machine Learning

Tools: pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

## Profile

Versatile software developer and data analyst with strong expertise in Python, data analysis, and full-stack web development. Proficient in tools like pandas, NumPy, and Scikit-learn for data analysis and machine learning, alongside frameworks such as Django, React, and Next.js for scalable application development. Skilled in creating efficient algorithms, secure smart contracts, and insightful data visualizations. Passionate about leveraging diverse technologies to deliver innovative solutions across various domains.

## Professional Experience

2024/06

Lagos, Nigeria

### Freelance Software Developer (Volunteer)

*Livingstone Off-the-Street Initiative*

Developing digital solutions for a non-profit organization dedicated to supporting underprivileged youths.

- Spearheading the development of a dynamic website to enhance NGO visibility.
- Designing and implementing a robust database system to manage organizational data.

2023 – present

Aberdeen,

United Kingdom

### Tesco Colleague (Night Shift)

*Tesco Extra, Danestone Aberdeen*

- Collaborate with a team to ensure timely stocking and organization of goods.

- Address customer inquiries promptly, demonstrating excellent communication and problem-solving skills.
- Maintain accuracy in stock placement, enhancing the overall customer experience.

## Projects

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2024/09

### Crowdfunding Decentralized Application [🔗](#)

*A decentralized application for creating and participating in crowdfunding campaigns on the Ethereum blockchain.*

- **Technologies:** Solidity, Hardhat, ether.js, React, Tailwind CSS,
- Implemented secure smart contracts [🔗](#) for handling campaign creation, donations, and fund withdrawals.
- Developed a responsive frontend using React and integrating ether.js for blockchain interaction.

2024/04

### Money Saving App [🔗](#)

*Web app encouraging users to save money weekly towards goals.*

- **Technologies:** React, Redux, Axios, Django Rest Framework, Knox, Google OAuth 2.0, SMTP
- Led end-to-end development of the app, integrating user authentication with Google OAuth.
- Designed a seamless user interface for managing savings plans, notifications, and progress tracking.

2023/08

### My MSc. Final Project: DiscussU [🔗](#)

*A Platform for students to discuss academic topics.*

- **Technologies:** React, Bootstrap, Zustand, Django, Knox
- Managed full project lifecycle, including user authentication, frontend design, and backend [🔗](#) integration.

## Awards

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2023/10

### Highest Academic Achievement Award, MSc Information Technology

*School of Computing, Robert Gordon University, Aberdeen.*

## Organizations

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2023 – present  
Aberdeen, UK

### St. Mary's Cathedral 6pm Mass choir

*Keyboardist*

2018 – 2022  
Lagos, Nigeria

### Livingstone Off-the-Street Initiative

*Youth Coordinator*

- Led group discussions, provided mentorship to underprivileged youths.
- Facilitated family and workplace reconciliation efforts, contributing to community building.

2013 – 2022  
Lagos, Nigeria

### CCDM choir

*Assistant Choir Director*

- Led and managed a choir of 50 members, fostering a culture of collaboration, respect, and dedication, directly improving performance and team cohesion.
- Organized, prepared, and led the choir for diverse events including religious services, weddings, and concerts, requiring detailed planning and cross-team coordination.